

## DENVER

1. 21 OCT 82, Last of Copper minted this morning, reported by mint superintendent.
2. 27 OCT 82 Mint began mixing type 1 and type 2 dies for cent production. Mint is using 43 Quad presses at Denver.
3. 24 Nov 82 Mint has confirmed only small date dies now being used. This could have occurred earlier, as this is not confirmed as correct.
4. Mint has given an estimate of 100 million large date Zinc and 800 million small date Zinc cents will be struck. Estimate given 4 Dec, 82.
5. Julian Jarvis buying 82-D Zinc bags dated 10 Nov or earlier, his price is dependent on the date and code on the bags, Numismatic News 11 Dec 82.
6. Harry Forman's opinion is: 82-D Zinc cents are the scarest variety found in bags dated <sup>LATE</sup> Oct and Early Nov. Reported 1 Jan 83

## PHILADELPHIA

1. Early September the small date dies were put into service at Philadelphia.
2. 1 Nov 82 mint began the conversion to Zinc and announced it will be several weeks before last copper is shipped out of the mint.
3. The mint also reports that all Zinc struck will have the new small date mint mark. (NOV 82?)
4. According to a mint official, the mint is still striking MOSTLY copper cents and will continue until the end of the year, reported 4 Dec 82
5. Zinc and Copper production are kept separate at the mint.
6. Mint still in production of Copper as of the 27th of Nov.
7. Julian Jarvis is buying 82-P Copper bags dated 5 Nov 82 or after.

## WEST POINT

- (ZNCU)
1. 40 Million cents struck here during the final 7 or 8 days of 1981. (17 Dec 1981)
  - ② New dies were first used here, but when???
  3. I believe all production was of Zinc planchets??
  4. COPPER LAST USED DEC 81.??

## SAN FRANCISCO

1. Production started in early Jan 82. (ZN)
2. Was only Zinc used?
3. What dies were used?

DAVID, I TYPED THIS "THINK SHEET" OUT BACK  
IN 88 (I BELIEVE) - ENJOY!

*Alu Love*

GENERAL

1. The old design large date dies had a life average of 700,000 strikes. The new small date dies had an average life of 1.5 million strikes for Zinc planchets.

GUESSES

1. 82-D Zinc large dates were minted 4 or 6 weeks?
2. 82-D Zinc small dates were minted 7 or 8 weeks?
4. 82-P Copper small dates are a tough guess, it could be as little as 2 weeks or as much as 14 weeks??
- ⑤ 82-P Zinc small dates were minted approximately the whole year? — THIS DOES NOT MAKE SENSE





OFFICE OF  
SUPERINTENDENT

# THE DEPARTMENT OF THE TREASURY

UNITED STATES MINT

DENVER, COLO. 80204-2693

February 22, 1988

TSgt Christopher J. Lane  
Box 4119  
APO N.Y. 09283

Dear TSgt Lane:

Your paper on coinage sounds interesting. I hope the below will help your research in the areas you requested.

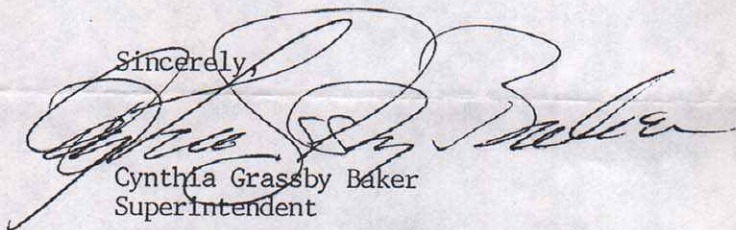
The Denver Mint stopped minting 95% copper pennies in October 1982 and at the same time began minting the 97.5% zinc pennies.

Concerning your question on overlapping during the changeover, actually there were seven types of cents produced during that period (enclosure). The Philadelphia Mint produced both copper and zinc pennies with the small and large date versions. The Denver Mint, however, made the transition of dates along with the composition change and only stamped the zinc penny with the small date. The remainder of the large date dies were destroyed or used up.

The amount of savings due to changing the composition in the cent may be obtained by writing to:

Mr. Michael Brown  
Special Assistant to the Director  
United States Mint Headquarters  
633 3rd St., N.W.  
Washington, D.C. 20220

Sincerely,



Cynthia Grassby Baker  
Superintendent

Enclosure





# Forman Enterprises, Ltd.

P.O. Box 5756 • Philadelphia, PA 19120  
(215) 663-1814

Life Member  
A. N. A.



3/8/88

Dear Sir

There isn't too much to go by concerning mintages of the 7 varieties of 1982 cents. You are correct in assuming that production on the Zinc began around Sept. in Denver and October in Phila. and West Point. To my knowledge the Copper Small were made in Phila. and the Copper Large at West Point.

Originally we all thought the 1982 D Zinc Large was scarce and the 1982 P Copper Small was right behind it.

Today, without a doubt, the scarcest is the 1982 P Zinc Small Phila. I will pay \$7.00 per roll for them, I have none for sale.

The 1982 P Zinc Large ranks right behind it, I'll pay \$4.00 per roll.

The 1982 D Zinc Large comes next, worth \$3.00 roll

Next in line is the 1982 P Copper small at \$2.00

The other 3 varieties are still plentiful.

The roll set can still be bought in the \$30.00-\$40.00 range, making the set a 70 cent-80 cent item.

Really nothing to get excited about.

I am sure that I sold much more than 100 bags of the 1982 P Zinc Small. Many of the early Zinc Bags were badly spotted.

I am sure if you buy either of the Zinc Phila coins, you will profit very nicely.

Sincerely

*Amy Forman*





OFFICE OF THE  
SUPERINTENDENT

# THE DEPARTMENT OF THE TREASURY

UNITED STATES MINT  
PHILADELPHIA, PA. 19106-1886

March 25, 1988

TSgt Christopher J. Lane  
Box 4119  
APO N.Y. 09283

Dear Mr. Lane:

This is in reply to your inquiry regarding the U.S. Mint's change to copper-plated zinc cents.

In November of 1982 the Philadelphia Mint replaced their regular Lincoln cent dies with new "Type II" or "small date" dies; The Mint was still striking 95 percent copper cents at the time. Also in November, after the die change, the Mint struck their last copper cents and began to use copper-plated zinc blanks to produce one cent coins.

A 1982 cost savings estimate with copper between 57¢ and 84¢ per pound and zinc at 40¢ per pound would be about \$25-30 million per year.

Enclosed is further information on the zinc cent. I hope this information is helpful.

Sincerely,

Timothy Grant  
Exhibits and Public Services



*Keep Freedom in Your Future With U.S. Savings Bonds*





DEPARTMENT OF THE TREASURY  
UNITED STATES MINT  
WASHINGTON, D.C. 20220

April 13, 1988

TSgt Christopher J. Lane  
Box 4119  
APO N.Y. 09283

Dear TSgt Lane:

Your 3 March 1988 letter to the Superintendent of the U.S. Bullion Depository at West Point has been referred to me for reply. In it you asked about 1982 cent production, by alloy and variety, with production dates.

Not all cent blanks struck at West Point in 1982 were copper plated zinc (CPZ). Cents dated 1982 of both alloys were produced from December of 1981 thru December of 1982 at West Point. Naturally, none of the 1982-dated cents were released until 1982. Total 1982-dated cent production from West Point was 1.99 billion coins. We do not have accurate production records from which to determine how many of each alloy was utilized. We have no records which distinguish "large date" from "small date" production.

I hope that this information will be helpful to you.

Sincerely,

Andrew Cosgarea, Jr.  
Associate Director  
for Operations





DEPARTMENT OF THE TREASURY  
UNITED STATES MINT  
WASHINGTON, D.C. 20220

May 30, 1991

MSgt. Christopher J. Lane  
PSC #1 Box 96056  
Barksdale A.F.B., LA 71110-5000

Dear MSgt. Lane:

This is in response to your letter's which were forwarded to this office by the Mints at West Point, Philadelphia and San Francisco.

The last bronze cent coins were struck by the West Point Mint in December of 1981. During the same month West Point commenced the striking of the copper plated zinc cents with the 1982 date. The Mint in San Francisco commenced striking of copper plated zinc cents in January 1982; Philadelphia and Denver during the last quarter of calendar year 1982.

The "Type I" and "Type II" coins you mention are numismatic categories for which we do not keep records. The subtle change in the date size which you call "Type II" was due to a new reduction.

Thank you for taking an interest in our Nation's coinage.

Sincerely,

A handwritten signature in dark ink, appearing to read "A. Cosgarea, Jr.", is written over the typed name.

Andrew Cosgarea, Jr.  
Associate Director  
for Operations